

**City of Highland, Illinois
UNDERGROUND Service Installations
200- 400 AMP. 240 volts**

Customer shall install, own and maintain:

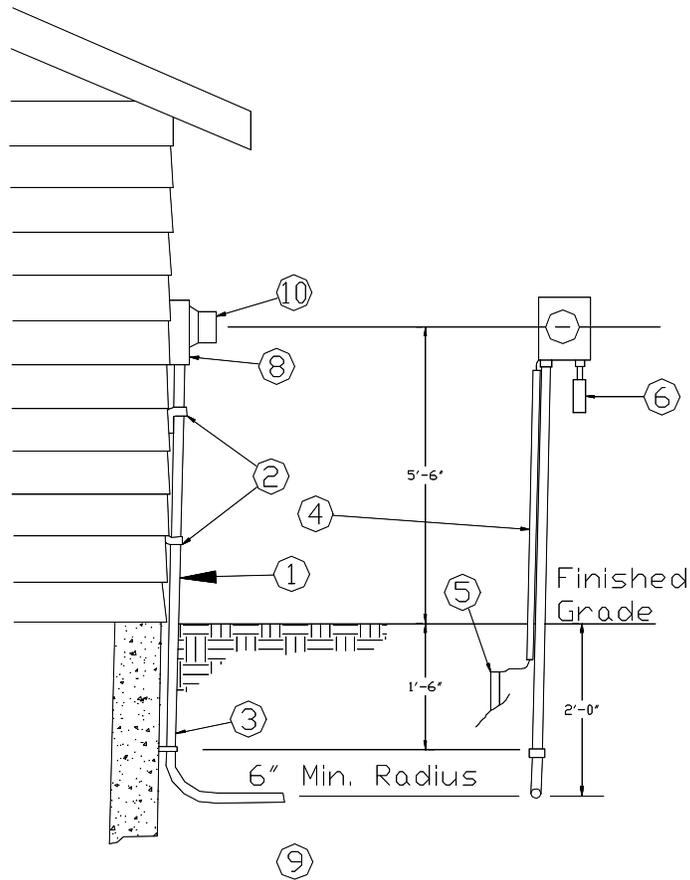
1. Heavy walled plastic pipe (schedule 80) of the size noted below. Lock nut for meter base end of conduit required.
2. Conduit straps
3. Conduit will extend 18" below finished grade.
4. ½" conduit from meter to 6" below grade with bond wire to ground rod.
5. Minimum 8' x ½" driven copper plated ground rod.
6. Conductors from meter base to main disconnect and necessary conduit. (See notes 1 & 2)
7. Reseeding and leveling yard.
8. Approved meter base.

City will install, own and maintain:

9. Secondary wire from City facilities to connectors on meter socket.
10. Socket type electric meter

Customer responsible for:

11. Locating customer owned underground facilities, e.g.... drains, septic lines, private water, etc.
12. Repairing drives, sidewalks, patios damaged during installation of electric cables.



Recommended Sizes:

Service	Conductor	Conduit	Bonding Wire
200 AMP	3/0 CU	2 1/2"	#4 CU
400 AMP	2-3/0 or 1-500	3"	1/0 CU

NOTES:

1. A bonding wire is required when heavy walled plastic conduit is used from the meter base to the panel/main disconnect.
2. If galvanized conduit is used from meter base to main disconnect – bonded bushings is required.
3. The installation of all conductors, conduit, and service entrance equipment must conform to local and national electrical codes.